

Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10001388 -1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Kurt E. Spears et al

Confirmation No.: 8378

Application No.: 09/558434

Examiner: Jerabek, Kelly L

Filing Date: Apr 25, 2000

Group Art Unit: 2812

Title: Photosensor Array Using Multiple Exposures To Reduce Thermal Noise

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APR 29 2004

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

OFFICIAL

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
(X) New fee as calculated below () Supplemental Declaration
() No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")
() Other: _____ (fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	5	MINUS	20	= 0	X \$18	\$ 0
INDEP. CLAIMS	1	MINUS	3	= 0	X \$86	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 110
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 110

Charge \$ 110 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Kurt E. Spears et al

By

Augustus W Winfield

Attorney/Agent for Applicant(s)
Reg. No. 34,046

Date: APRIL 29, 2004

(X) I hereby certify that this paper is being transmitted
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Number of pages: 7

Typed Name: Donna M Kraft

Signature: Donna M Kraft

APR 29 2004

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PATENT APPLICATION

ATTORNEY DOCKET NO. 10001388-1

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
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Fort Collins, Colorado 80527-2400

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Kurt Spears et al.

Serial No.: 09/558,434

Examiner: Jerabek, Kelly L.

Filing Date: 04/25/2000

Group Art Unit: 2612

Title: Photosensor Array Using Multiple Exposures to Reduce Thermal Noise

RESPONSE TO OFFICE ACTION

THE ASSISTANT COMMISSIONER OF PATENTS
Washington, D.C. 20231

Sir:

REMARKS

No amendments have been made. Claims 1-5 remain in the application.
Reconsideration and reexamination is respectfully requested.

In paper 5, claims 1, 4 and 5 were rejected under 35 U.S.C. § 103 as allegedly unpatentable over U.S. Patent Number 5,308,970(Pool). Applicant respectfully traverses.

Claim 1 specifies exposing an array of photosensors to light from an image; shifting a first portion of charges from the array of photosensors to an amplifier; dumping a second portion of the charges; exposing the array of photosensors to light from the image again; dumping the first portion of charges from the array of photosensors; and shifting the second portion of charges from the array of photosensors to the amplifier. Pool does not teach or suggest exposing the array of photosensors to light from the image again; dumping the first portion of charges from the array of photosensors; and shifting the second portion of charges from the array of photosensors to the amplifier.